

# Work Order ID 75296

**\*75296\***

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October-20-11 9:58:04 AM

Item ID: D350-607-043A Accept **\*N9000040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Heli-Utility-Basket (Automatic Lid Opener)  
 Start Date: 20/10/2011 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 08/11/2011 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: M.L.J Date: 11/10/20 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
IIN-D350-607-1	A								
100		0.00							
<b>*100*</b>	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPPD350-607-043A CHG								
110	Pick Kit	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging									
120	Small Fab	0.00							
<b>*120*</b>									
Small Fab	Memo	0.00							
Small Fab	Assemble as per Dwg D350-607								
	Seal Support Gusset with Sikaflex -291								
	Batch: <u>122120</u>								
	Exp Date: <u>11-7</u>								

MCS 12/07/17  
①

IX SO  
12-7-17

1 φ 12-7-19

PTO — D

W/O: 75296

## WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D350-607-043A

PAR #:

Fault Category: San Job

NCR: Yes No

DQA: af

Date: 12/07/19

Resolution:

Disposition: ScrapQA: N/C Closed: af

Date: 12/7/20

NCR: 12-1605

## WORK ORDER NON-CONFORMANCE (NCR)

27.94 x 22 55.86

DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
12-7-18	120	SCRAP 3953-5 (2x) GAS SPRING STUD <del>CRACK</del> R.C. Basket welded cracks	12.07.19 Q51042	SCRAP Q51042 23953-5 only Rebar	12.07.19	DAS 16 9-83 12/07/19	12.07.19 Q51042	DAS 16 9-83 12/07/19
		and causes spring to bend D8953-3 missed at inspection	12.07.19 Q51042				12.07.19 Q51042	DAS 16 9-83 12/07/19
12.7.19	120	ADD NAS1149 C0332R WASHER ON OUTBOARD SIDE TO ELIMINATE PROTRUSION ALIGN BASKET NOT SQUARE.	12.07.19 Q51042	ADD NAS1149 C0332R WASHER TO ENSURE PROPER ALIGNMENT OF GAS SPRING. INSTRUCT WORKMAN NAS1149 C0332R P: 122063	12.7.19	DAS 16 9-83 12/07/19	12.07.19 Q51042	DAS 16 9-83 12/07/19

NOTE: Date &amp; initial all entries

R.C. PROCESS

Q77.(1)

**\*75296\***

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**\*N900040100\***

Setup Start **\*NS1\***

Stop **\*NS2\***

**Cust Item ID:**

**Customer:**

Run Start \*NR1\*

Stop \*NR2\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

130 QC5- Inspect part completeness to step on W/O

0.00

QC Memo

## Quality Control

0.00

16  
9-89

0.00

140 Pick Kit

0.00

Packaging

## Packaging

150 QC4- 100% Inspect kits for completeness

0.00

0.00

QC Memo

## Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# Work Order ID 75296

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Item ID: D350-607-043A

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 08/11/2011 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00

**\*160\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-043A

Location: SHIP

12/2/19

170

QC21- Final Inspection - Work Order Release

0.00

**\*170\***

QC

Memo

0.00

Quality Control

MLJ 12/07/19

MF 12-07-19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 75296

\*75296\*

Parent Item: D350-607-043A

\*D350-607-043A\*

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevB: as per dwg revC DD 10.01.18 verified by:EC IPP rev:C as per ecn10-545 DD 10.04.19 verified by:EC  
IPP Rev:D 10.10.18 remove D350-607-143 and added individual parts of D350-607-143 in DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3953-7 *D3953-7* Spring Spacer		Manufactured	No				Each	9.0000	**				
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST096				9					
				65053				4					
				74168				5					
AN310-4 *AN310-4* NUT		Purchased	No			110	Each	29.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST324				29					
				118983				25					
				119084				4					
AN3C11A *AN3C11A* BOLT		Purchased	No			110	Each	30.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST351				30					
				118116				10					
				118838				20					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

AN3C15A	Purchased	No	110	Each	21.0000	2	2	
<b>*AN3C15A*</b>						**		m119973 sp
Bolt								
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST352	21				
			117792	21				
D2728-3	Manufactured	No	110	Each	0.0000	2	2	
<b>*D2728-3*</b>						**		m115050 sp
Dart Logo label								
D3953-11	Manufactured	No	110	Each	13.0000	1	1	
<b>*D3953-11*</b>						**		B79338 sp
Gas Spring Spacer								
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST096	13				
			71268	13				
D3953-15	Manufactured	No	110	Each	15.0000	1	1	
<b>*D3953-15*</b>						**		B79337 sp
Gas Spring Bracket								
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST096	15				
			71269	15				
D3953-17	Manufactured	No	110	Each	12.0000	1	1	
<b>*D3953-17*</b>						**		B85787 sp
Gas Spring Spacer								
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST096	12				
			73474	12				12-7-12

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 75296

**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

D3953-3 Manufactured No

110 Each

19.0000

1 1

**\*D3953-3\***

Gas Spring Stud, Lid

\*\*

BS5788 sp

Location

Loc Qty

Loc Code

ST096

19

74703

19

D3953-5 Manufactured No

110 Each

10.0000

1 1

**\*D3953-5\***

Gas Spring Stud, Base

\*\*

BS595 sp

Location

Loc Qty

Loc Code

ST096

10

71270

10

D3953-9 Manufactured No

110 Each

12.0000

2 2

**\*D3953-9\***

Gas Spring Washer

\*\*

BS2941 sp

Location

Loc Qty

Loc Code

ST096

12

69025

2

74169

10

D3969-1 Manufactured No

110 Each

25.0000

1 1

**\*D3969-1\***

Spring (Basket Lid)

\*\*

sp 12-7-17.

Location

Loc Qty

Loc Code

ST272

25

72364

5

73523

20

1x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 75296

**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

MS21043-3 Purchased No

110 Each 921.0000 4 4

**\*MS21043-3\***

Nut

\*\*

*MD1255 SP*

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	72	
103691	72	
ST301	849	
118077	1	
118614	492	
118686	356	

MS24665-2-12 Purchased No

110 Each 172.0000 2 2

**\*MS24665-2-12\***

COTTER PIN

\*\*

*SP*

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST308	169	
118078	169	
ST309	3	
111499	3	

NAS1149C0332R Purchased No

110 Each 3,198.000 4 4

**\*NAS1149C0332R\***

Washer

\*\*

*MD2063 SP12-7-17*

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP-B	7	
117291	7	
ST297	3191	
116304	55	
117460	18	
117887	169	
118078	2	
118179	78	
118354	1869	
119124	1000	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 75296

**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0432R

Purchased

No

110

Each

4,722.000

2

2

**\*NAS1149C0432R\***

Washer

\*\*

*m 12/255 SP*

## Location

## Loc Qty

## Loc Code

ST297

4722

117291

3722

119124

1000

D350-607-241

*CHG 001*

Manufactured

No

140

Each

0.0000

1

1

**\*D350-607-241\***

Basket Clamp Assembly

D2022-101

Manufactured

No

110

Each

122.0000

5

5

**\*D2022-101\***

Spacer

\*\*

*82555 R*

\*\*

*B79465 SP*

## Location

## Loc Qty

## Loc Code

ST504

122

69824

12

71840

60

73307

50

D2221

Manufactured

No

110

Each

0.0000

1

1

**\*D2221\***

350 Basket Base

D2258-200

Manufactured

No

110

Each

10.0000

1

1

**\*D2258-200\***

Placard 2001b

\*\*

*1 BR 12717*

\*\*

*B81888 SP*

## Location

## Loc Qty

## Loc Code

ST505

10

71180

10

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 75296

**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

D2530

Manufactured No

110

Each

6.0000

1

1

\*\*

BR12719

**\*D2530\***  
Mandrel Weldment

Location

Loc Qty

Loc Code

ST506

56651

5

73450

5

ST508

69318

1

1

D2535

Manufactured No

110

Each

60.0000

2

2

\*\*

BR3545 SP

**\*D2535\***  
Spring

Location

Loc Qty

Loc Code

ST504

71117

60

60

D2537

Manufactured No

110

Each

37.0000

2

2

\*\*

BR2896 SP

**\*D2537\***  
Bushing

Location

Loc Qty

Loc Code

ST504

71853

37

73344

7

30

D2931

Manufactured No

110

Each

572.0000

2

2

\*\*

SP

**\*D2931\***  
Bumper

Location

Loc Qty

Loc Code

ST504

46064

572

572

D2989-041

Manufactured No

110

Each

0.0000

1

1

\*\*

1

BR12717

**\*D2989-041\***  
Basket Lid Assembly

75298

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

D2989-043

Manufactured No

110 Each

0.0000

1 1

**\*D2989-043\***

Basket Lid Assembly

AN3-16A

Purchased No

110 Each

153.0000

2 2

**\*AN3-16A\***

Bolt

Location

Loc Qty

Loc Code

ST352

153

117441

53

118628

100

AN4-13A

Purchased No

110 Each

1,144.000

2 2

**\*AN4-13A\***

Bolt

Location

Loc Qty

Loc Code

ST357

1144

118078

590

118706

54

118838

500

AN4-22A

Purchased No

110 Each

220.0000

5 5

**\*AN4-22A\***

Bolt

Location

Loc Qty

Loc Code

ST359

220

116419

49

117313

71

118628

100

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

AN5-17A Purchased No

110 Each

68.0000

4

4

**\*AN5-17A\***

Bolt

\*\*

m/22/15/1 sp

Location

Loc Qty

Loc Code

ST338

68

117872

44

118706

24

MS20600-AD4W3

Purchased

No

110

Each

1,415.000

2

2

**\*MS20600-AD4W3\***

Cherry Rivets

\*\*

sp

Location

Loc Qty

Loc Code

GA

882

118626

882

ST321

400

111636

48

117505

317

117601

35

WA018

133

107939

133

AN960JD416

NAS1149D0463J

Purchased

No

110

Each

0.0000

14

14

**\*AN960.ID416\***

Washer

\*\*

m/2/9/12 sp

AN960JD516

NAS1149D0563J

Purchased

No

110

Each

0.0000

4

4

**\*AN960.ID516\***

Washer

\*\*

m/1/9/54/6 sp

AN960JD8

NAS1149DN832

Purchased

No

110

Each

0.0000

2

2

**\*AN960.ID8\***

Washer

\*\*

m/20/4/22 sp  
12-7-17

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

October-20-11 9:58:09 AM

Page 10

Work Order ID: 75296

**\*75296\***

Parent Item: D350-607-043A

**\*D350-607-043A\***

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 20/10/2011

Required Date: 08/11/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

13,982.00

7

7

**\*MS21042I 4\***

Nut

\*\*

m1214448

Location

Loc Qty

Loc Code

ST300

2982

117441

51

117601

537

118451

1394

118927

1000

ST516

6000

119017

6000

ST518

5000

119075

5000

MS21042L5

Purchased

No

110

Each

2,546.000

4

4

**\*MS21042I 5\***

Nut

\*\*

SP12-7-17

Location

Loc Qty

Loc Code

ST300

1046

116105

5

116548

53

117441

110

117611

82

118179

496

118910

300

ST518

1500

119109

1500

4x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-607 REV. F OR SUBSEQUENT APPROVED REVISION

REF CANADIAN STC: SH94-14

FAA STC: SR00213NY

EASA STC: EASA.IM.R.S.01405

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI), IS TO PROVIDE OPERATORS OF AS350 / 355 ROTORCRAFT EQUIPPED WITH DART D350-607-041 HELI UTILITY BASKETS WITH AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 2 GAS SPRINGS.

FOR OPERATORS EQUIPPED WITH D350-607-043/-045/-047 HELI UTILITY BASKETS THIS DSI WILL PROVIDE AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 1 GAS SPRING.

ITEM No.	QTY -141	QTY -143	QTY -145	PART NUMBER	DESCRIPTION
1	X			D350-607-141	AUTOMATIC LID OPENER INSTL (FOR USE ON -041 BASKET*)
2		X		D350-607-143	AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET*)
3			X	D350-607-145	AUTOMATIC LID OPENER INSTL (FOR USE ON -045 BASKET*)
4	2		1	D3953-1	GAS SPRING BRACKET
5	2	1	1	D3953-3	GAS SPRING STUD (LID)
6	2	1	1	D3953-5	GAS SPRING STUD (BASE)
7	2	1	1	D3953-7	GAS SPRING SPACER
8	4	2	2	D3953-9	GAS SPRING WASHER
9	2	1	1	D3953-11	GAS SPRING SPACER
10	2		1	D3953-13	GAS SPRING SPACER
11		1		D3953-15	GAS SPRING BRACKET
12		1		D3953-17	GAS SPRING SPACER
13	2	1	1	D3969-1	GAS SPRING
14	4	2	2	AN3C11A	BOLT
15		2		AN3C15A	BOLT
18	4		2	AN3C16A	BOLT
19	4	2	2	AN310-4	CASTELLATED NUT
20	8	4	4	MS21043-3	NUT
21	4	2	2	MS24665-212	COTTER PIN
22	8	4	4	NAS1149C0332R	WASHER (OR AN960C10L)
23	4	2	2	NAS1149C0432R	WASHER (OR AN960C416L)


**\*NOTE:** FOR CUSTOMERS WISHING TO ORDER NEW BASKETS WITH THE LID OPENER PRE-INSTALLED USE THE FOLLOWING NUMBERS:



D350 607-041 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-041A

D350 607-043 BASKET WITH AUTOMATIC LID OPENER INSTALLED= D350-607-043A

D350-607-045 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-045A

D350-607-047 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-047A

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY: 	D. SHEPHERD (DE # 02)
DATE: 09.11.11	
CERT. NO.: SH94-14	
ISSUE NO.: 4	

C	SHEET 1 PL, -143 INSTL, ITEM 6 QTY WAS 2, ITEM 7 WAS 0.	AJS	09.11.11
B	SHT 1 P/L ITEM 22 WAS NAS1149C0332 ITEM 23 WAS NAS1149C0432H. ALL OTHER SHEETS UPDATED ACCORDINGLY. (REASON: DRAFTING ERROR) INSTALLATIONS RENAMED.	AJS	09.11.06
A	NEW ISSUE	AJS	09.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 1 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng./ Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

FOR D350-607-041 BASKETS, REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-141 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** ONCE THIS MODIFICATION IS COMPLETE YOU WILL NOT BE ABLE TO RE-INSTALL THE D2332-041 PROP ARM.

- 1) REMOVE THE D2332-041 PROP ARM.
  - 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON BOTH ENDS OF THE BASKET AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
  - 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
  - 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
  - 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
  - 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.

**NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.



- 7) REPEAT STEPS 2 THROUGH 6 AT THE OTHER END OF THE BASKET.
- 8) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRINGS SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
CERT. NO.: SH94-14  
ISSUE NO.: 4

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 2 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

FOR D350-607-043/-047 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-143 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 2 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-15 GAS SPRING BRACKET AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL C. INSTALL THE D3953-15 GAS SPRING BRACKET & D3953-17 GAS SPRING SPACER USING 2X AN3C15A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW G-G.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL D. INSTALL 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW H-H. INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW H-H. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 5) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-15 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING STUD AS SHOWN IN VIEW G-G. RAISE THE BASKET LID AND INSTALL THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW G-G. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

**NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.

**NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.




- 6) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
CERT. NO.: SH94-14  
ISSUE NO.: 4

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 3 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

FOR D350-607-045 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-145 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
- 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

**NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.

**NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.



- 7) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
CERT. NO.: SH94-14  
ISSUE NO.: 4

DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
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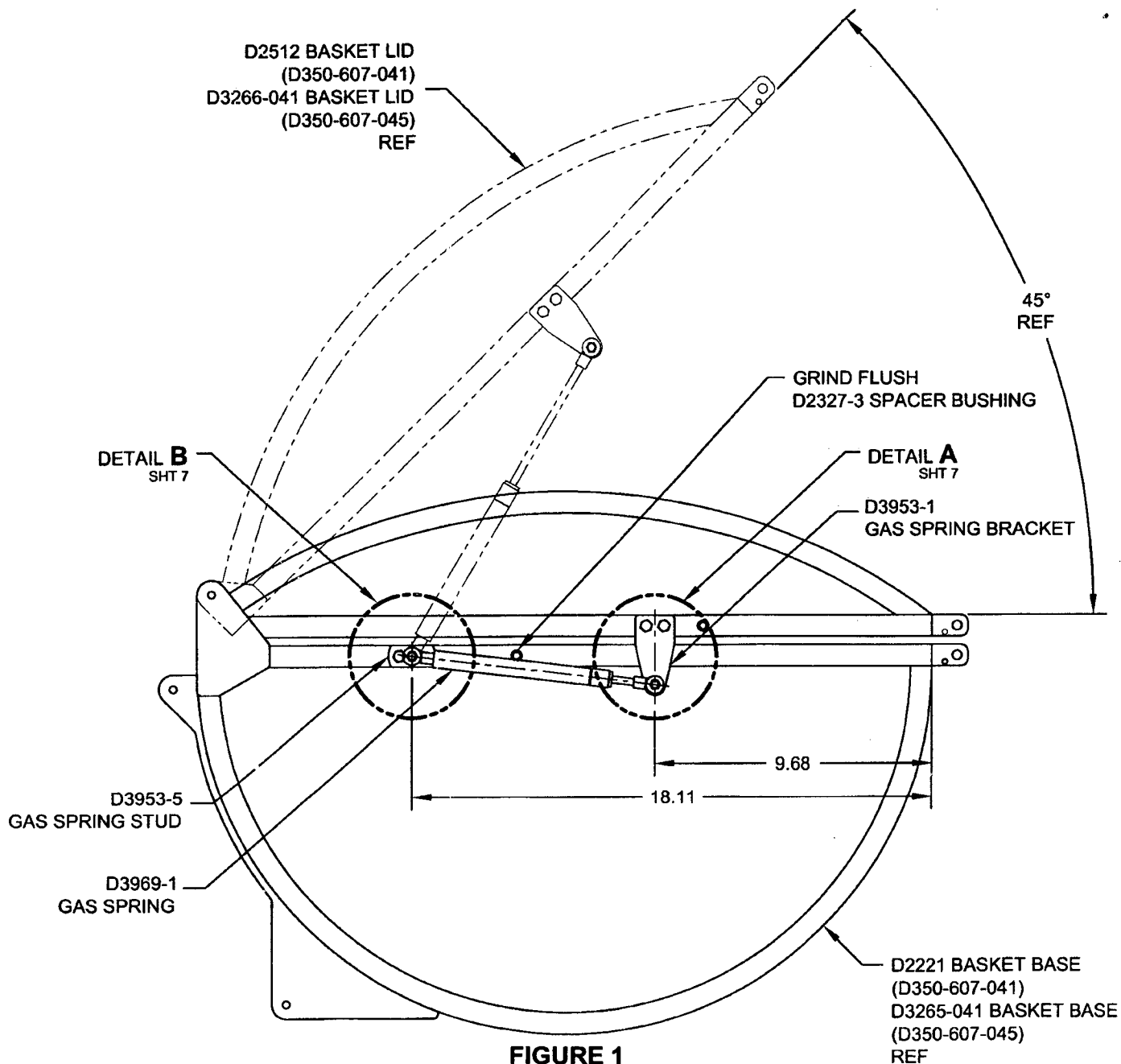
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





**FIGURE 1**

**D350-607-141 AUTOMATIC LID OPENER INSTALLATION**  
(BOTH ENDS)

**D350-607-145 AUTOMATIC LID OPENER INSTALLATION**  
(1 END ONLY)

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
CERT. NO.: SH94-14  
ISSUE NO.: 4

DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 5 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AUTOMATIC LID OPENER INSTL	NTS
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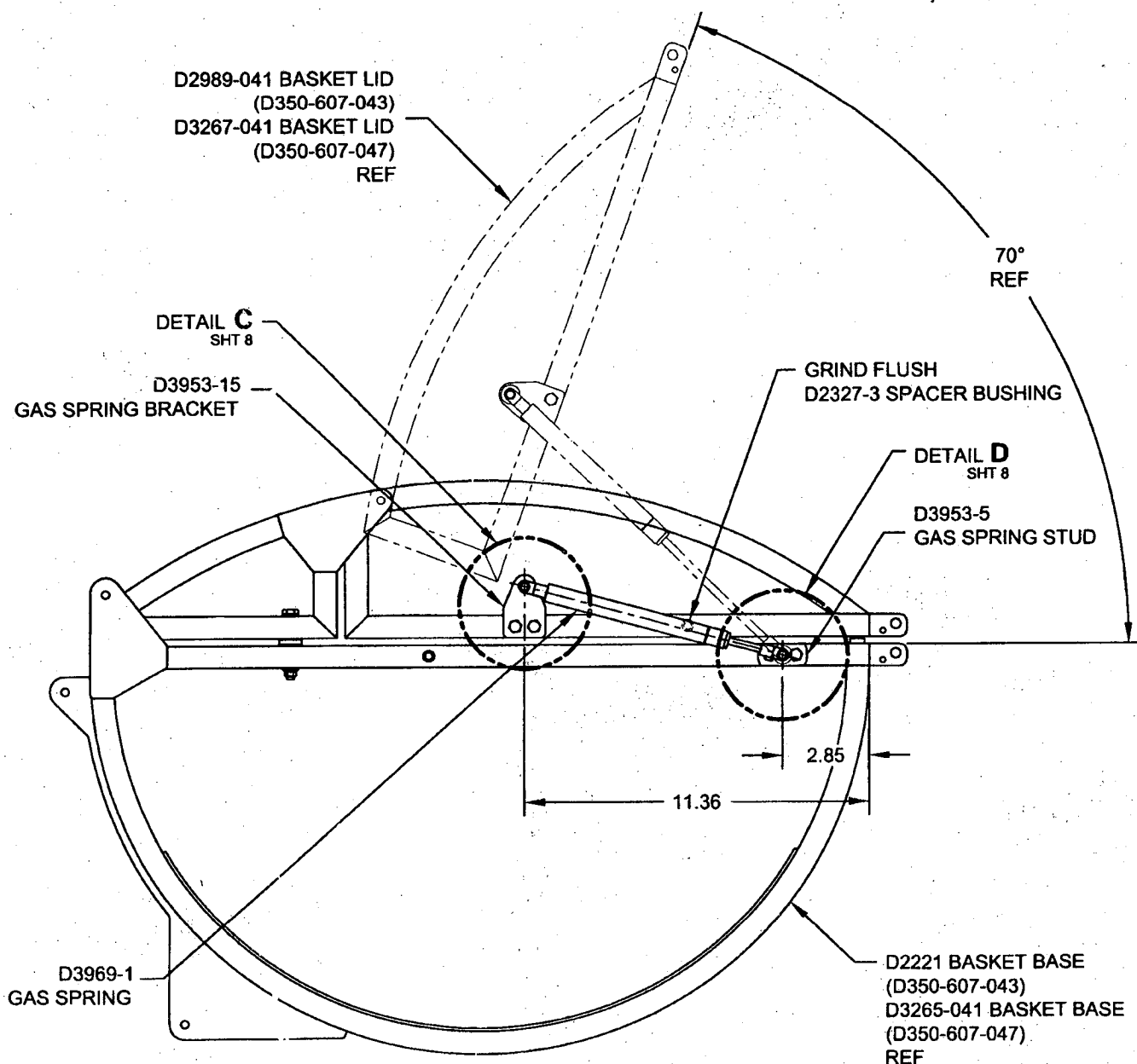
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



**FIGURE 2**  
**D350-607-143 AUTOMATIC LID OPENER INSTALLATION**  
 (1 END ONLY)

CANADA  
 DEPARTMENT OF TRANSPORT  
 AIRCRAFT CERTIFICATION  
 BRANCH  
 DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
 D. SHEPHERD (DE # 02)

DATE: 09.11.11

CERT. NO.: SH94-14

ISSUE NO.: 4

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

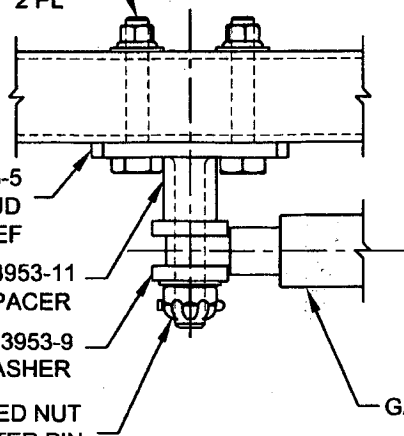
AN3C11A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

D3953-5  
GAS SPRING STUD  
REF

D3953-11  
GAS SPRING SPACER

D3953-9  
GAS SPRING WASHER

AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER



**VIEW F-F**

AN3C16A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

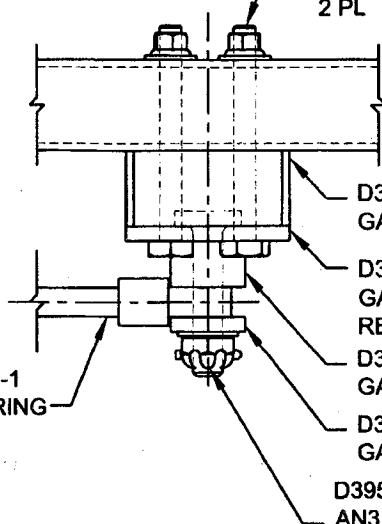
D3953-13  
GAS SPRING SPACER

D3953-1  
GAS SPRING BRACKET  
REF

D3953-7  
GAS SPRING SPACER

D3953-9  
GAS SPRING WASHER

D3953-3 GAS SPRING STUD  
AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER

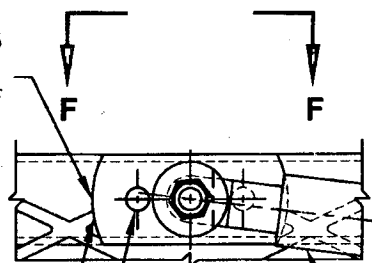


**VIEW E-E**

D3953-5  
GAS SPRING STUD  
REF

TRIM MESH LOCALLY  
AS REQUIRED

TRANSFER MARK AND  
DRILL Ø0.194 THRU  
2 PL



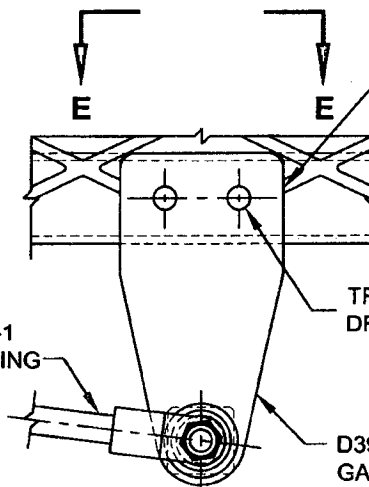
**DETAIL B**

D3969-1  
GAS SPRING  
REF

TRIM MESH LOCALLY  
AS REQUIRED

TRANSFER MARK AND  
DRILL Ø0.194 THRU

D3953-1  
GAS SPRING BRACKET  
REF






**DETAIL A**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

AN3C15A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

D3953-17  
GAS SPRING SPACER  
D3953-15  
GAS SPRING BRACKET  
REF  
D3953-7  
GAS SPRING SPACER  
D3953-9  
GAS SPRING WASHER

D3953-3 GAS SPRING STUD  
AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER

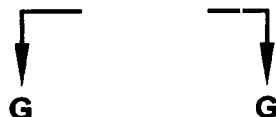
**VIEW G-G**

AN3C11A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

D3953-5  
GAS SPRING STUD  
REF  
D3953-11  
GAS SPRING SPACER  
D3953-9  
GAS SPRING WASHER

AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER

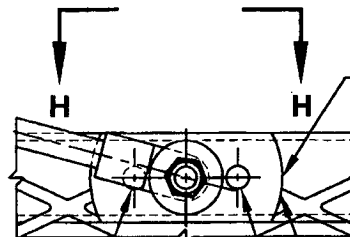
**VIEW H-H**



D3953-15  
GAS SPRING BRACKET  
REF  
TRANSFER MARK AND  
DRILL Ø0.194 THRU

TRIM MESH LOCALLY  
AS REQUIRED

**DETAIL C**



D3953-5  
GAS SPRING STUD  
REF

TRIM MESH LOCALLY  
AS REQUIRED

TRANSFER MARK AND  
DRILL Ø0.194 THRU

**DETAIL D**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries